

PORTABLE FORCED AIR HEATER
Illustrated Parts List

PFA

Issued: February, 1994

REDDY – R55M

IMPORTANT: Do not use key numbers when ordering service parts. Always order components by part number and description. Include model and serial numbers.

KEY NO.	PART NUMBER	DESCRIPTION	QTY.	KEY NO.	PART NUMBER	DESCRIPTION	QTY.
1	M51104-01	Handle	1	18	M50631	Rubber Bumper	2
2	098511-36	Upper Shell	1	19	M50899-03AA	Side Cover	1
3	M11084-29	Screw, #10-16 x 3/4"	2	20	098138-01	Motor Bracket	1
4	M15823-27	Screw, #10-16 x 1/2"	6	21	M30865-02	Bushing	2
5	098512-33	Combustion Chamber	1	22	M11271-8	Clip Nut	6
6	M10908-2	Screw, #6-32 x 3/8"	2	23	M50104-02	Bushing	1
7	M16660	Photocell Bracket	1	24	M11084-26	Screw, #10-16 x 3/8"	6
8	M16656-20	Photocell Assembly	1	25	M15823-37	Screw, #8-18 x 1/4"	1
9	***	Burner Head Assembly	1	26	098511-18	Lower Shell	1
9-1	HA3021	Nozzle	1	27	M29652-04	Rubber Airline	1
9-2	HA3013	Spark Plug	1	28	M51161-01	Rubber Washer	2
9-3	079980-01	Nozzle Adapter	1	29	M11084-26	Screw, #10-16 x 3/8"	2
9-4	097124-01	Bracket	1	30	079973-01	Fuel Line	1
9-5	M29824	Nut, 14mm	1	31	M50876-05	Fuel Filter (With Bushing)	1
10	M11084-26	Screw, #10-16 x 3/8"	2	32	M10990-3	Rubber Bushing	1
11	M30884	Fan	1	33	097702-01	Fuel Cap (Includes Gasket)	1
12	***	Motor and Pump Assembly	1	34	098513-69	Fuel Tank	1
12-1	100088-02	Motor	1	35	M51108-01	Heat-Shell Shield	1
12-2	079975-03	Pump Body	1	36	100777-02	Microprocessor Control	1
12-3	M22009**	Insert	1	PARTS AVAILABLE - NOT SHOWN			
12-4	M22456-2**	Rotor	1				
12-5	M29608	Pump End Cover	1		097204-08	Tradename Decal	
12-6	M29632**	Lint Filter	1		100830-01	Diagnostic Decal	
12-7	M29633**	Intake Filter	1		098221-20	General Information Decal	
12-8	M29609	Filter End Cover	1		100807-01	Owner's Manual	
12-9	M12461-31	Screw, #10-32 x 1"	3	OPTIONAL ACCESSORIES			
12-10	M27694**	Adjusting Screw	1				
12-11	M10993-1**	Pressure Relief Spring	1		HA1210	Hang-up Thermostat	
12-12	M22997**	Plug	1		HA1202	Heavy Duty Wheels and Handle Kit	
12-13	M8940**	Steel Ball, 1/4" diameter	1		HA1206	Standard Wheels and Handle Kit	
12-14	M29612-01**	Output Filter	1		HA1180	Air Gauge Kit	
12-15	M12461-32	Screw, #10-32 x 1 1/8"	6		HA2210	Fuel Tank Filter Screen	
12-16	M50016	Elbow, 90°	1		HA3005	Rotor Kit (M22456-2, M22009, M8643-2)	
12-17	M8643-2**	Blade	4				
12-18	FHPF3-6C	Screw, #10-32 x 3/4"	2		HA3014	Filter Kit (M29632, M29633, M29612_01)	
13	M51105-01	Fan Guard	1		HA3020	Pump Kit (M27694, M10993-1, M22997, M8940)	
14	098219-26	Power Cord	1				
15	M11143-1	Strain Relief Bushing	1				
16	NTC-4C	Hex Lock Nut, 1/4-20	2				
17	M11084-26	Screw, #10-16 x 3/8"	2				

** See OPTIONAL ACCESSORIES

*** Not available as an assembly.

Reddy R55M

HEATER EXPLODED VIEW

MOTOR PACKAGE ASSEMBLY

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WIRING DIAGRAM

SPECIFICATIONS

Output Rating (BTU Per Hour)	55,000	Motor RPM	1725
Fuel	Kerosene or #1 fuel oil	Hot Air Output (Approximate CFM)	165
Fuel Tank Capacity (U. S. Gallons)	5	Air Pump Pressure (PSI)	3.4
Fuel Consumption (Approximate U.S. Gallons Per Hour)	0.40	Shipping Weight (Approximate Pounds)	35
Electric Requirements	120V/60Hz	Heater Weight Without Fuel (Approximate Pounds)	30
Amperage (During Normal Run)	2.0		